

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/00962

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L1/18 H04B7/005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/028691 A1 (BAKER MATTHEW P J ET AL) 7 March 2002 (2002-03-07) abstract paragraphs '0072!-'0074! claims 16,20	1-13
A	WO 02 19605 A (QUALCOMM INC) 7 March 2002 (2002-03-07) abstract page 6, line 16 -page 8, line 8	1-13
A	EP 1 143 635 A (NTT DOCOMO INC) 10 October 2001 (2001-10-10) abstract column 2, line 36 -column 4, line 34	1-13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the International search

20 June 2003

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01/07/2003

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002028691	A1	07-03-2002	CN 1394393 T	29-01-2003
			WO 0217511 A2	28-02-2002
			EP 1232577 A2	21-08-2002
WO 0219605	A	07-03-2002	AU 8850801 A	13-03-2002
			EP 1314276 A2	28-05-2003
			NO 20030949 A	30-04-2003
			WO 0219605 A2	07-03-2002
EP 1143635	A	10-10-2001	JP 2001292096 A	19-10-2001
			JP 2001292097 A	19-10-2001
			CN 1317885 A	17-10-2001
			EP 1143635 A1	10-10-2001
			US 2001046877 A1	29-11-2001